

IN THE CLAIMS:

1 - 12. (Canceled)

13. (Currently Amended) An apparatus according to claim 21, wherein on the basis of each table information of said transaction defining unit, said management control unit displays a list showing the incomplete transactions, a list of the customers who do not come to receive goods even after the scheduled delivery date, a list of the customers who do not come to pay after the term of payment, and a list of the payment situations, and as a whole list or every type.

14 - 16. (Canceled)

17. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on the principle of occurrence in which sales are summed up upon occurrence of the transaction, and; wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment of a the total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of occurrence; and

a management control unit which, in the case where said deferred pickup transaction on the principle of occurrence is selected as the unsettled transaction type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a

registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of unpayment nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

18. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on the principle of completion in which sales are summed up upon completion of the transaction, and wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a the prepayment of a total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of completion; and

a management control unit which, in the case where said deferred pickup transaction on the principle of completion is selected as the unsettled transaction type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of unpayment nonpayment, and an issue of a customer copy with said slip number; and sequentially executes, as processes upon delivery, a display of

U.S. Patent Application No. 09/606,211
Attorney Docket No. 108131-00000

Incomplete transaction information by an input of the slip number, a registration of a delivery, a sum-up of sales amounts, and a termination of the incomplete transaction.

19. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of deferred payment sales for a specific customer, namely, a deferred payment transaction on the principle of occurrence in which sales are summed up upon occurrence of the transaction; and wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of occurrence; and

a management control unit which, in the case where said deferred payment transaction on the principle of occurrence is selected as the unsettled transaction type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of a delivery; and sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

20. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of deferred payment sales for a specific customer, namely, a deferred payment transaction on the principle of completion in which sales are summed up upon completion of the transaction; and wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of completion; and

a management control unit which, in the case where said deferred payment transaction on the principle of completion is selected as the unsettled transaction type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, and a registration of a delivery; and sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, a sum-up of sales amounts in case of a zero balance, and a termination of the incomplete transaction.

21. (Previously Presented) A transaction managing apparatus for a POS terminal, comprising:

a transaction defining unit for defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and a management control unit for designating one of said plurality of kinds of unsettled transaction types by an

U.S. Patent Application No. 09/606,211
Attorney Docket No. 108131-00000

interactive operation with the operator and managing and controlling processes in a lump from the start of the transaction to the end;

said transaction defining unit has an incomplete transaction management table, a type code table, an incomplete transaction line item information table, and a payment information management table;

basic management information including at least one of store number, incomplete transaction slip number, type code, transaction serial number upon occurrence, date and time of occurrence, customer number, requested amount, amount of down payment, balance, scheduled delivery date, delivery completion flag, sum-up possible/impossible flag, and totalization completion flag is stored in said incomplete transaction management table;

said type code table is designated by a type code of said incomplete transaction management table, and category combination information including at least one of sum-up timing, prepayment necessary/unnecessary flag, predelivery possible/impossible flag, method of tender, and delivering method is stored in said type code table;

said incomplete transaction line item information table is designated by an incomplete transaction slip number in said incomplete transaction management table, and goods management information including at least one of goods code, unit price, quantity, and discount information is stored in said incomplete transaction line item information table; and

said payment information management table is designated by an incomplete transaction slip number in said incomplete transaction management table, and payment

OCT. 27. 2003 5:48PM

NO. 5844 P. 8

U.S. Patent Application No. 09/606,211
Attorney Docket No. 108131-00000

management information including at least one of date and time of payment, paid amount, and kind of tender is stored in said payment information management table.